

Subst. Form PTO-1449				Docket Number (Optional)		Application Number		
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use several sheets if necessary)				109629-112 GSI-002 US		09/527,893		
				Applicant				
				Mack J. Schermer et al.				
				Filing Date		Group Art Unit		
March 20, 2000		1743						
<b>U. S. PATENT DOCUMENTS</b>								
EXAMINER INITIAL	CITE NO.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
DEN	A	6,017,496	01/25/2000	Nova et al.				
	B	5,055,263	10/08/1991	Meltzer				
	C	5,922,617	07/13/1999	Wang et al.				
	D	5,700,637	12/23/1997	Southern				
	E	5,807,522	09/15/1998	Brown et al.				
	F	5,847,105	12/08/1998	Baldeschwieler et al.				
	G	6,015,880	01/18/2000	Baldeschwieler et al.				
	H	5,927,547	07/27/1999	Papen et al.				
	I	5,895,915	04/20/1999	DeWeerd et al.				
	J	5,770,151	06/23/1998	Roach et al.				
	Not Enclosed	09/259,065		Zeleny et al.			02/26/1999	
<b>FOREIGN PATENT DOCUMENTS</b>								
EXAMINER INITIAL	CITE NO.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
DEN	AA	WO 99/34931	07/15/1999	Tisone et al.				X
	BB	WO 99/42804	08/26/1999	Lemmo et al.				X
	CC	WO 99/36760	07/22/1999	Overbeck et al.				X
DEN	DD	WO 00/01798	01/13/2000	Rose et al.				X
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>								
EXAMINER INITIAL	CITE NO.							
DEN	AAA	ALEXANDER KUKLIN, Ph.D., "Automation in Microarray Image Processing And Data Mining, High Throughput Screening" (Supplement to Biomedical Products), January 2000, pp. 4, 5, 6, 8, Cahners Publishing, Morris Plains, New Jersey, U.S.A.						
	BBB	Mark Schena, "DNA Microarrays: A Practical Approach", Chapters 2 and 6 (pp. 17-42 and pp. 101-120), New York, Oxford University Press, 1999, ISBN 0-19-963776-8						
	CCC	GSI Lumonics ScanArray Technical Note 300: "ScanArray Microarray Barcodes: Automated Microarray Analysis & Data Tracking, June, 1999						
	DDD	Website ( <a href="http://www.biorobotics.co.uk">www.biorobotics.co.uk</a> ) literature of BioRobotics, Inc. showing specifications of MicroGrid printed January 14, 2000						
DEN	EEE	Website ( <a href="http://www.cartesiantech.com">www.cartesiantech.com</a> ) literature of Cartesian Technologies showing specifications of PinArray, nQUAD, CloneTracker and PegaSys printed January 14, 2000						
<b>SEE CONTINUATION SHEET</b>								
EXAMINER				DATE CONSIDERED				
[Signature]				9/25/05				
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy with next communication to applicant.								

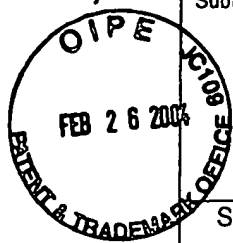


Subst. Form PTO-1449		Docket Number (Optional) <b>109629-112 GSI-002 US</b>		Sheet <b>2</b> of <b>2</b>
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use several sheets if necessary)		Application Number <b>09/527,893</b>		
		Applicant <b>Mack J. Schermer et al.</b>		
		Filing Date <b>March 20, 2000</b>		
		Growth Unit <b>17</b>		
<b>U. S. PATENT DOCUMENTS</b>				
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS
<b>FOREIGN PATENT DOCUMENTS</b>				
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>				
EXAMINER INITIAL	CITE NO.			
DKH	FFF	Website ( <a href="http://www.genemachines.com">www.genemachines.com</a> ) literature of GeneMachines showing specifications of OmniGrid printed January 14, 2000		
	GGG	Website ( <a href="http://www.geneticmicro.com">www.geneticmicro.com</a> ) literature of Genetic MicroSystems, Inc. showing specifications of GMS Microarray Analysis System printed on January 14, 2000		
	HHH	Website ( <a href="http://www.genetix.co.uk">www.genetix.co.uk</a> ) literature of Genetix Limited showing specifications of Q Array MicroArrayer printed January 14, 2000		
	III	Website ( <a href="http://www.genpakdna.com">www.genpakdna.com</a> ) literature of GenPak, Inc. showing specifications of genpak Array 21 Robotic Micro-Arrayer System printed on January 14, 2000		
	JJJ	Website ( <a href="http://www.genomicsolutions.com">www.genomicsolutions.com</a> ) literature of Genomic Solutions, Inc. showing specifications of Flexys printed on January 14, 2000		
	KKK	Website ( <a href="http://www.esit.com">www.esit.com</a> ) literature of Engineering Services Inc. showing specifications of SDDC printed on January 14, 2000		
	LLL	Website ( <a href="http://www.packardinst.com">www.packardinst.com</a> ) literature of Packard Instrument Company showing specifications of The BioChip Arrayer printed on January 17, 2000		
	MMM	Website ( <a href="http://www.arrayit.com">www.arrayit.com</a> ) literature of TeleChem International, Inc. showing specifications of ArrayIt printed on January 14, 2000		
	NNN	Website ( <a href="http://www.majerprecision.com">www.majerprecision.com</a> ) literature of Majer Precision Engineering showing specifications of MicroQuill printed on January 14, 2000		
	OOO	Website ( <a href="http://www.corning.com">www.corning.com</a> ) literature of Corning Incorporated showing specifications of Corning Microarray Technology (CMT) printed on January 27, 2000		
	PPP	Website ( <a href="http://nunc.nalgenunc.com">http://nunc.nalgenunc.com</a> ) literature of Nalge Nunc International showing specifications of MicroWell Plates printed January 27, 2000		
	QQQ	Website ( <a href="http://www.keyence.com">www.keyence.com</a> ) literature of Keyence Corporation of America showing specifications of CCD Bar Code Readers		
DKH	RRR	Genetic MicroSystems Product Literature of GMS Microarray Analysis System		
EXAMINER D. Manley	DATE CONSIDERED 4/25/05			
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy with next communication to applicant.				

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<b>SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use several sheets if necessary)</i>						Sheet	1	of	1
						Docket Number (Optional) <b>109629-112 GSI-002 US</b>		Application Number <b>09/527,893</b>	
Applicant <b>Mack J. Schermer et al.</b>						Filing Date <b>March 20, 2000</b>			
Group Art Unit <b>1743</b>									
<b>U. S. PATENT DOCUMENTS</b>									
EXAMINER INITIAL	CITE NO.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE		
DKH	K	4,817,443	04/04/1989	Champseix et al.					
	L	5,408,891	04/25/1995	Barber et al.					
	M	5,525,515	06/11/1996	Blattner					
	N	5,603,342	02/18/1997	Shambaugh					
	O	5,827,744	10/27/1998	Fose et al.					
	P	5,897,837	04/27/1999	Mizuno					
	Q	5,935,859	08/10/1999	Elliott et al.					
	R	5,133,373	07/28/1992	Hoffman et al.					
DKH	S	5,474,744	12/12/1995	Lerch					
<b>FOREIGN PATENT DOCUMENTS</b>									
EXAMINER INITIAL	CITE NO.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation YES NO		
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>									
EXAMINER INITIAL	CITE NO.								
DKH	UUU	Mark Schena (editor), "Microarray Biochip Technology", Chapter 2, pp 19-38 (relevant pages 33-36 entitled <i>Pin Washing and Sample Carryover</i> ), Eaton Publishing, BioTechniques Books Division, Natick, Massachusetts U.S.A.							
EXAMINER <i>D. W. Harty</i>					DATE CONSIDERED <i>9/25/05</i>				
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy with next communication to applicant.									



Subt. For, PTO-1449				Docket Number 111453.122	Application Number 09/527,893
INFORMATION DISCLOSURE IN AN APPLICATION  (Use several sheets if necessary)				Applicant Schermer et al.	
				Filing Date March 20, 2000	Group Art Unit 1743
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U.S. Patent Documents						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DM	6,024,925	Feb. 15, 2000	Little et al.	422	100	Jan. 23, 1997

Foreign Patent Documents							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
DM	WO 00/01798	Jan. 13, 2000	WO				
	WO 00/13796	Mar. 16, 2000	WO				
DM	GB 2 310 006 A	Aug. 13, 1997	Great Britain				

Other Documents (Including Author, Title, Date Pertinent Pages, Etc.)		
DM	VVV	Schummer et al., "Inexpensive Handheld Device for the Construction of High-Density Nucleic Acid Arrays," BioTechniques, Vol. 23, No. 6, 1997, pp 1087-1090

EXAMINER D. Handy	DATE CONSIDERED 9/25/05
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				Filing Date March 20, 2000		Group Art Unit 1743	
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U.S. Patent Documents						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DKM	5,770,151	Jun 23, 1998	Roach et al.			
↓	5,957,167	Sep 28, 1999	Feygin			
↓	5,306,510	Apr 26, 1994	Meltzer			
DKM	6,101,946	Aug 15, 2000	Martinsky			

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Foreign Patent Documents							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
DKM	WO 99/22867	May 14, 1999	WO				
	EP 0 287 783	Oct 26, 1988	Europe				

Other Documents (Including Author, Title, Date Pertinent Pages, Etc.)		
	WWW	Anonymous, "Wire Printer Diagnostic Method," IBM Technical Disclosure Bulletin, Vol. 27, No. 9, 1985, p 5042
DKM	XXX	"Patent Abstracts of Japan," Vol. 007, No. 196, Aug. 26, 1983
↓	YYY	Dertsl et al, "The Mguide, a Complete Guide to Building Your Own Microarrayer," Biochemistry Department of Stanford University, 1999, pp 19-20
↓	ZZZ	Rose, "Application of a Novel Microarraying System in Genomics Research and Drug Discovery," Journal of the Association for Laboratory Automation, Vol. 3, No. 3, July 1998, pp 53-56

EXAMINER D. Mandy	DATE CONSIDERED 9/25/05
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<b>INFORMATION DISCLOSURE IN AN APPLICATION</b>  <i>(Use several sheets if necessary)</i>				Applicant <b>Schermer et al.</b>			
				Filing Date <b>March 20, 2000</b>		Group Art Unit <b>1743</b>	
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Foreign Patent Documents							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
DKM	WO 99/36760	22 Jul 1999	World				
DKM	WO 01/58593	16 Aug 2001	World				

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EXAMINER <i>D. Hardy</i>	DATE CONSIDERED <i>9/25/05</i>
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(Sub) For, PTO-1449				Docket Number 111453.122		Application Number 09/527,893	
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				Filing Date March 20, 2000		Group Art Unit 1743	
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U.S. Patent Documents						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DKH	5,411,065	May 2, 1995	Meador et al.	141	1	Jan 10, 1994
DKH	6,039,211	Mar 21, 2000	Slater et al.	222	1	Sep 22, 1998

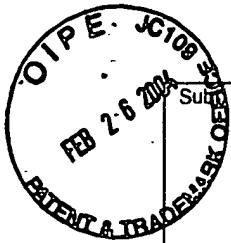
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Foreign Patent Documents							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
DKH	WO 00/51058	Aug 31, 2000	World				
DKH	WO 00/63705	Oct 26, 2000	World				

Other Documents (Including Author, Title, Date Pertinent Pages, Etc.)		

EXAMINER D. Hardy	DATE CONSIDERED 9/25/05
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Sub For, PTO-1449

INFORMATION DISCLOSURE  
IN AN APPLICATION

(Use several sheets if necessary)

Docket Number  
111453.122Application Number  
09/527,893Applicant  
Schermer et al.Filing Date  
March 20, 2000Group Art Unit  
1743

Sheet 1 OF 1

## U.S. Patent Documents

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DKH	5,922,617	07/13/99	Wang et al.	436	518	11/12/97
DKH	6,015,880	01/18/00	Baldeschwieler et al.	530	333	03/16/94
DKH	6,083,763	07/04/00	Balch	436	518	12/31/97

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## Foreign Patent Documents

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

## Other Documents (Including Author, Title, Date Pertinent Pages, Etc.)

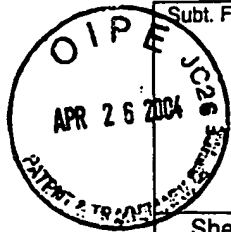

EXAMINER

D. Hardy

DATE CONSIDERED

9/25/05

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Subt. For, PTO-1449				Docket Number 111453.122US2		Application Number 10/715,653	
INFORMATION DISCLOSURE IN AN APPLICATION  (Use several sheets if necessary)						Applicant Schermer et al.	
						Filing Date November 18, 2003	
Sheet	1	OF	1				

U.S. Patent Documents						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DKP	5,141,871	Aug 25, 1992	Kureshy et al.	436	47	May 10, 1990

Foreign Patent Documents							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

Other Documents (Including Author, Title, Date Pertinent Pages, Etc.)		

EXAMINER D. Hardy	DATE CONSIDERED 9/25/03
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